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NEWS 9 OCT 04 CA/Capplus-Canadian Intellectual Property Office (CIPO) added
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NEWS 13 OCT 27 Free KWIC format extended in full-text databases
NEWS 14 OCT 27 DIOGENES content streamlined
NEWS 15 OCT 27 EPFULL enhanced with additional content

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:06:38 ON 31 OCT 2005

| | | |
|--|------------|---------|
| => file medline, agricola, caba, caplus, biosis, biotechno | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'MEDLINE' ENTERED AT 13:06:58 ON 31 OCT 2005

FILE 'AGRICOLA' ENTERED AT 13:06:58 ON 31 OCT 2005

FILE 'CABA'. ENTERED AT 13:06:58 ON 31 OCT 2005
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FILE 'CAPLUS' ENTERED AT 13:06:58 ON 31 OCT 2005
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FILE 'BIOSIS' ENTERED AT 13:06:58 ON 31 OCT 2005
Copyright (c) 2005 The Thomson Corporation

FILE 'BIOTECHNO' ENTERED AT 13:06:58 ON 31 OCT 2005
COPYRIGHT (C) 2005 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (thomas, t? or thomas t?)/au
L1 5937 (THOMAS, T? OR THOMAS T?)/AU

=> s (nuccio, m? or nuccio m?)/au
L2 126 (NUCCIO, M? OR NUCCIO M?)/AU

=> s (hsieh, t? or hsieh t?)/au
L3 1982 (HSIEH, T? OR HSIEH T?)/AU

=> s l1 and l2 and l3
L4 9 L1 AND L2 AND L3

=> duplicate remove l4
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L4
L5 4 DUPLICATE REMOVE L4 (5 DUPLICATES REMOVED)

=> d l5 1-4 ti

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Constitutive promoter from Arabidopsis gene ENDO encoding
endomembrane-associated protein and its uses in high production of gene in
transgenic plant

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI The use of RT-PCR differential display in single-celled organisms and
plant tissues

L5 ANSWER 3 OF 4 MEDLINE on STN DUPLICATE 1
TI Molecular approaches to identify novel genes expressed in Arabidopsis
thaliana.

L5 ANSWER 4 OF 4 MEDLINE on STN DUPLICATE 2
TI Identification of novel mRNAs in immature seeds of Arabidopsis thaliana.

=> s l5 and endo
L6 1 L5 AND ENDO

=> d l6 bib

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:676208 CAPLUS
DN 137:212057
TI Constitutive promoter from Arabidopsis gene ENDO encoding
endomembrane-associated protein and its uses in high production of gene in
transgenic plant
IN Thomas, Terry; Nuccio, Michael; Hsieh,
Tzung-Fu
PA Rhobio, Fr.
SO PCT Int. Appl., 18 pp.
CODEN: PIXXD2
DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|--|----------|-----------------|----------|
| PI | WO 2002068665 | A2 | 20020906 | WO 2002-EP2894 | 20020214 |
| | WO 2002068665 | A3 | 20030403 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| | CA 2434059 | AA | 20020906 | CA 2002-2434059 | 20020214 |
| | EP 1362113 | A2 | 20031119 | EP 2002-718194 | 20020214 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | |
| | US 2005176946 | A1 | 20050811 | US 2003-643676 | 20030819 |
| PRAI | US 2001-270779P | P | 20010222 | | |
| | WO 2002-EP2894 | W | 20020214 | | |

=> d his

(FILE 'HOME' ENTERED AT 13:06:38 ON 31 OCT 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 13:06:58 ON 31 OCT 2005

L1 5937 S (THOMAS, T? OR THOMAS T?)/AU
L2 126 S (NUCCIO, M? OR NUCCIO M?)/AU
L3 1982 S (HSIEH, T? OR HSIEH T?)/AU
L4 9 S L1 AND L2 AND L3
L5 4 DUPLICATE REMOVE L4 (5 DUPLICATES REMOVED)
L6 1 S L5 AND ENDO

=> s 11 or 12 or 13

L7 7967 L1 OR L2 OR L3

=> s 17 and endo

L8 13 L7 AND ENDO

=> s 18 not 14

L9 12 L8 NOT L4

=> s 19 and promoter

L10 1 L9 AND PROMOTER

=> d 110 ti

L10 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI PHYSICOCHEMICAL STUDIES ON INTERACTIONS BETWEEN DNA AND RNA POLYMERASE ISOLATION AND MAPPING OF A PHAGE T-7 DNA FRAGMENT CONTAINING THE EARLY PROMOTERS FOR ESCHERICHIA-COLI RNA POLYMERASE.

=> d his

(FILE 'HOME' ENTERED AT 13:06:38 ON 31 OCT 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 13:06:58 ON 31 OCT 2005

L1 5937 S (THOMAS, T? OR THOMAS T?)/AU
L2 126 S (NUCCIO, M? OR NUCCIO M?)/AU
L3 1982 S (HSIEH, T? OR HSIEH T?)/AU
L4 9 S L1 AND L2 AND L3
L5 4 DUPLICATE REMOVE L4 (5 DUPLICATES REMOVED)

L6 1 S L5 AND ENDO
 L7 7967 S L1 OR L2 OR L3
 L8 13 S L7 AND ENDO
 L9 12 S L8 NOT L4
 L10 1 S L9 AND PROMOTER

=> s endo and promoter and arabidopsis
 L11 70 ENDO AND PROMOTER AND ARABIDOPSIS

=> s l11 not l7
 L12 69 L11 NOT L7

=> s l12 and endomembrane(w)associated
 L13 0 L12 AND ENDOMEMBRANE(W) ASSOCIATED

=> s l12 and endo(s)promoter(s)gene
 L14 29 L12 AND ENDO(S) PROMOTER(S) GENE

=> duplicate remove l14
 DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
 KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
 PROCESSING COMPLETED FOR L14
 L15 15 DUPLICATE REMOVE L14 (14 DUPLICATES REMOVED)

=> d l15 1-10 ti

L15 ANSWER 1 OF 15 AGRICOLA Compiled and distributed by the National
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 (2005) on STN

TI Cloning and Regulation of a Stress-regulated Pennisetum glaucum Vacuolar
 ATPase c Gene and Characterization of its **Promoter** that is
 Expressed in Shoot Hairs and Floral Organs.

L15 ANSWER 2 OF 15 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2005) on STN DUPLICATE 1

TI A novel **endo**-(beta)-mannanase gene in tomato LeMAN5 is
 associated with anther and pollen development.

L15 ANSWER 3 OF 15 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 2
 TI Root cap specific expression of an **endo**-(beta)-1,4-D-glucanase
 (cellulase): a new marker to study root development in **Arabidopsis**

L15 ANSWER 4 OF 15 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2005) on STN DUPLICATE 3

TI The **promoter** of the **Arabidopsis** thaliana Cell
endo-1,4-beta glucanase **gene** is differentially expressed
 in plant feeding cells induced by root-knot and cyst nematodes.

L15 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Root-knot nematode responsive gene **promoter** of
Arabidopsis thaliana gene cell

L15 ANSWER 6 OF 15 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Vectors containing nucleic acids coding for **Arabidopsis** thaliana
endo-1,4-beta-glucanase secretion signal peptide.

L15 ANSWER 7 OF 15 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Transgenic plants of altered morphology.

L15 ANSWER 8 OF 15 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 4
 TI Expression of a membrane-anchored **endo**-1,4-[beta]-glucanase from
 Brassica napus, orthologous to KOR from **Arabidopsis** thaliana, is
 inversely correlated to elongation in light-grown plants.

L15 ANSWER.9 OF 15 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 5
TI **Arabidopsis thaliana endo-1,4-[beta]-glucanase (cell)**
promoter mediates uidA expression in elongating tissues of aspen
(Populus tremula).

L15 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transgenic plants of altered morphology and the isolated
Arabidopsis thaliana endo-1,4-β-glucanase
gene, promoter and protein

=> d l15 11-15 ti

L15 ANSWER 11 OF 15 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI **Arabidopsis thaliana endo-1,4-beta-glucanase**
gene and promoter.

L15 ANSWER 12 OF 15 CABA COPYRIGHT 2005 CABI on STN
TI Expression of abscission-related **endo-[beta]-1,4-glucanases.**

L15 ANSWER 13 OF 15 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 6
TI Cloning and characterization of elongation specific **endo**
-1,4-beta-glucanase (cell) from **Arabidopsis thaliana.**

L15 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
TI Callase-related DNAs and their use for inducing male sterility in plants.

L15 ANSWER 15 OF 15 MEDLINE on STN DUPLICATE 7
TI The anther-specific protein encoded by the Brassica napus and
Arabidopsis thaliana A6 gene displays similarity to
beta-1,3-glucanases.

=> d his

(FILE 'HOME' ENTERED AT 13:06:38 ON 31 OCT 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
13:06:58 ON 31 OCT 2005

L1 5937 S (THOMAS, T? OR THOMAS T?)/AU
L2 126 S (NUCCIO, M? OR NUCCIO M?)/AU
L3 1982 S (HSIEH, T? OR HSIEH T?)/AU
L4 9 S L1 AND L2 AND L3
L5 4 DUPLICATE REMOVE L4 (5 DUPLICATES REMOVED)
L6 1 S L5 AND ENDO
L7 7967 S L1 OR L2 OR L3
L8 13 S L7 AND ENDO
L9 12 S L8 NOT L4
L10 1 S L9 AND PROMOTER
L11 70 S ENDO AND PROMOTER AND ARABIDOPSIS
L12 69 S L11 NOT L7
L13 0 S L12 AND ENDOMEMBRANE(W) ASSOCIATED
L14 29 S L12 AND ENDO(S) PROMOTER(S) GENE
L15 15 DUPLICATE REMOVE L14 (14 DUPLICATES REMOVED)

=> file uspatfull

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|---------------------|------------------|
| FULL ESTIMATED COST | 39.93 | 40.14 |

FILE 'USPATFULL' ENTERED AT 13:12:15 ON 31 OCT 2005
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FILE COVERS 1971 TO PATENT PUBLICATION DATE: 27 Oct 2005 (20051027/PD)

FILE LAST UPDATED: 27 Oct 2005 (20051027/ED)
HIGHEST GRANTED PATENT NUMBER: US6959451
HIGHEST APPLICATION PUBLICATION NUMBER: US2005241041
CA INDEXING IS CURRENT THROUGH 27 Oct 2005 (20051027/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 27 Oct 2005 (20051027/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2005

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
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>>> publications, starting in 2001, for the inventions covered in <<<
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>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<
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>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc. <<<

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>>> enter this cluster. <<<
>>> <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s 14

344 THOMAS, T?/AU
344 THOMAS T?/AU
8 NUCCIO, M?/AU
8 NUCCIO M?/AU
180 HSIEH, T?/AU
180 HSIEH T?/AU

L16 1 L1 AND L2 AND L3

=> d 116 bib

L16 ANSWER 1 OF 1 USPATFULL on STN
AN 2005:203520 USPATFULL
TI Constitutive promoter from Arabidopsis
IN Thomas, Terry, College Station, TX, UNITED STATES
Nuccio, Michael, Durham, NC, UNITED STATES
Hsieh, Tzung-Fu, Burlingame, CA, UNITED STATES
PI US 2005176946 A1 20050811
AI US 2003-643676 A1 20030819 (10)
RLI Continuation of Ser. No. WO 2002-EP2894, filed on 14 Feb 2002, UNKNOWN
PRAI US 2001-270779P 20010222 (60)
DT Utility
FS APPLICATION
LREP BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY, 10112, US
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
LN.CNT 584
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

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FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
13:06:58 ON 31 OCT 2005

L1 5937 S (THOMAS, T? OR THOMAS T?)/AU

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 L3 1982 S (HSIEH, T? OR HSIEH T?)/AU
 L4 9 S L1 AND L2 AND L3
 L5 4 DUPLICATE REMOVE L4 (5 DUPLICATES REMOVED)
 L6 1 S L5 AND ENDO
 L7 7967 S L1 OR L2 OR L3
 L8 13 S L7 AND ENDO
 L9 12 S L8 NOT L4
 L10 1 S L9 AND PROMOTER
 L11 70 S ENDO AND PROMOTER AND ARABIDOPSIS
 L12 69 S L11 NOT L7
 L13 0 S L12 AND ENDOMEMBRANE(W) ASSOCIATED
 L14 29 S L12 AND ENDO(S) PROMOTER(S) GENE
 L15 15 DUPLICATE REMOVE L14 (14 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 13:12:15 ON 31 OCT 2005

L16 1 S L4

=> d 17

YOU HAVE REQUESTED DATA FROM FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' -
CONTINUE? (Y)/N:n

=> s 17

344 THOMAS, T?/AU
 344 THOMAS T?/AU
 8 NUCCIO, M?/AU
 8 NUCCIO M?/AU
 180 HSIEH, T?/AU
 180 HSIEH T?/AU
 L17 522 L1 OR L2 OR L3

=> s 117 not 116

L18 521 L17 NOT L16

=> s 118 and endomembrane(w) associated

144 ENDOMEMBRANE
 1631661 ASSOCIATED
 5 ENDOMEMBRANE(W) ASSOCIATED
 L19 0 L18 AND ENDOMEMBRANE(W) ASSOCIATED

=> s endomembrane(w) associated

144 ENDOMEMBRANE
 1631661 ASSOCIATED
 L20 5 ENDOMEMBRANE(W) ASSOCIATED

=> s 120 and promoter

93359 PROMOTER
 L21 5 L20 AND PROMOTER

=> d 121 1-5 ti

L21 ANSWER 1 OF 5 USPATFULL on STN
 TI Constitutive **promoter** from Arabidopsis

L21 ANSWER 2 OF 5 USPATFULL on STN
 TI Polynucleotides and polypeptides derived from corn ear

L21 ANSWER 3 OF 5 USPATFULL on STN
 TI Stress-regulated genes of plants, transgenic plants containing same, and methods of use

L21 ANSWER 4 OF 5 USPATFULL on STN
 TI Expressed sequences of arabidopsis thaliana

L21 ANSWER 5 OF 5 USPATFULL on STN
 TI Control of fruit ripening and senescence in plants

=> d 121 1-5 bib

L21 ANSWER 1 OF 5 USPATFULL on STN
AN 2005:203520 USPATFULL
TI Constitutive **promoter** from Arabidopsis
IN Thomas, Terry, College Station, TX, UNITED STATES
Nuccio, Michael, Durham, NC, UNITED STATES
Hsieh, Tzung-Fu, Burlingame, CA, UNITED STATES
PI US 2005176946 A1 20050811
AI US 2003-643676 A1 20030819 (10)
RLI Continuation of Ser. No. WO 2002-EP2894, filed on 14 Feb 2002, UNKNOWN
PRAI US 2001-270779P 20010222 (60)
DT Utility
FS APPLICATION
LREP BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY, 10112, US
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
LN.CNT 584
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L21 ANSWER 2 OF 5 USPATFULL on STN
AN 2002:291078 USPATFULL
TI Polynucleotides and polypeptides derived from corn ear
IN Lalgudi, Raghunath V., Clayton, MO, United States
Ito, Laura Y., Pleasanton, CA, United States
Sherman, Bradley K., Oakland, CA, United States
PA Incyte Genomics, Inc., Palo Alto, CA, United States (U.S. corporation)
PI US 6476212 B1 20021105
AI US 1999-313294 19990514 (9)
PRAI US 1998-86722P 19980526 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Brusca, John S.; Assistant Examiner: Moran, Marjorie A.
LREP Incyte Genomics, Inc., Murry, Lynn E.
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 23084
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L21 ANSWER 3 OF 5 USPATFULL on STN
AN 2002:287515 USPATFULL
TI Stress-regulated genes of plants, transgenic plants containing same, and methods of use
IN Harper, Jeffrey F., Del Mar, CA, UNITED STATES
Kreps, Joel, Carlsbad, CA, UNITED STATES
Wang, Xun, San Diego, CA, UNITED STATES
Zhu, Tong, San Diego, CA, UNITED STATES
PI US 2002160378 A1 20021031
US 2004009476 A9 20040115
AI US 2001-938842 A1 20010824 (9)
PRAI US 2000-227866P 20000824 (60)
US 2001-264647P 20010126 (60)
US 2001-300111P 20010622 (60)
DT Utility
FS APPLICATION
LREP Lisa A. Haile, J.D., Ph.D., GRAY CARY WARE & FREIDENRICH LLP, Suite 1600, 4365 Executive Drive, San Diego, CA, 92121-2189
CLMN Number of Claims: 79
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 10399
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L21 ANSWER 4 OF 5 USPATFULL on STN
AN 2002:38559 USPATFULL
TI Expressed sequences of arabidopsis thaliana

IN Gorlach, Jorn, Durham, NC, UNITED STATES
 An, Yong-Qiang, San Diego, CA, UNITED STATES
 Hamilton, Carol M., Apex, NC, UNITED STATES
 Price, Jennifer L., Raleigh, NC, UNITED STATES
 Raines, Tracy M., Durham, NC, UNITED STATES
 Yu, Yang, Martinsville, NJ, UNITED STATES
 Rameaka, Joshua G., Durham, NC, UNITED STATES
 Page, Amy, Durham, NC, UNITED STATES
 Mathew, Abraham V., Cary, NC, UNITED STATES
 Ledford, Brooke L., Holly Springs, NC, UNITED STATES
 Woessner, Jeffrey P., Hillsborough, NC, UNITED STATES
 Haas, William David, Durham, NC, UNITED STATES
 Garcia, Carlos A., Carrboro, NC, UNITED STATES
 Kricker, Maja, Pittsboro, NC, UNITED STATES
 Slater, Ted, Apex, NC, UNITED STATES
 Davis, Keith R., Durham, NC, UNITED STATES
 Allen, Keith, Cary, NC, UNITED STATES
 Hoffman, Neil, Chapel Hill, NC, UNITED STATES
 Hurban, Patrick, Raleigh, NC, UNITED STATES
 PI US 2002023281 A1 20020221
 AI US 2001-770445 A1 20010126 (9)
 PRAI US 2000-178472P 20000127 (60)
 DT Utility
 FS APPLICATION
 LREP PARADIGM GENETICS, INC, 104 ALEXANDER DRIVE, BUILDING 2, P O BOX 14528,
 RTP, NC, 277094528
 CLMN Number of Claims: 27
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 4317
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L21 ANSWER 5 OF 5 USPATFULL on STN
 AN 2001:125782 USPATFULL
 TI Control of fruit ripening and senescence in plants
 IN Keinan, Ehud, Timrat, Israel
 Itzhaky, Harel, Atlit, Israel
 Aboud-Pirak, Esther, Kiryat Tivon, Israel
 Gepstein, Shimon, Haifa, Israel
 PA Vitality Biotechnologies, Inc., Orangeburg, NY, United States (U.S.
 corporation)
 PI US 6271009 B1 20010807
 AI US 1999-245736 19990208 (9)
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Patterson, Jr., Charles L.
 LREP Friedman, Mark M.
 CLMN Number of Claims: 8
 ECL Exemplary Claim: 1
 DRWN 4 Drawing Figure(s); 2 Drawing Page(s)
 LN.CNT 1109
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

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L16 1 S L4
L17 522 S L7
L18 521 S L17 NOT L16
L19 0 S L18 AND ENDOMEMBRANE(W) ASSOCIATED
L20 5 S ENDOMEMBRANE(W) ASSOCIATED
L21 5 S L20 AND PROMOTER

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

| | SINCE FILE | TOTAL |
|---------------------|------------|---------|
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 9.96 | 50.10 |

STN INTERNATIONAL LOGOFF AT 13:14:19 ON 31 OCT 2005